Pigment Dispersions for Polyester Applications

Products for Coatings and Composites

Chroma-Tek® COLORANTS & ADDITIVES

DESCRIPTION

The Chroma-Tek CT line of pigment dispersions are dispersed in monomer free, unsaturated polyester formulations specifically designed to achieve high pigment loadings without sacrificing viscosity. These formulations were engineered by AOC R&D scientists to have excellent compatibility with a variety of open mold and closed mold formulations/applications.



Typical applications include:

- SMC/BMC
- Pultrusion
- Fiberglass panels,
- Solid surface counter tops
- Gelcoat applications

AOC has a full range of polyester based inorganic and organic colors to choose from. Custom colors can be created by our team of experienced pigment R&D personnel.

QUALITY CONTROL

The quality of Chroma-Tek® dispersions is controlled through the most sophisticated computerized color analyzing equipment available. Spectrophotometry minimizes metamerism, speeds color matching, ensures that specifications are met, and batch to batch consistency is maintained.

STORAGE STABILITY

Pigment dispersions are stable for twelve months from date of production when stored in the original containers away from sunlight at no more than 77°F/ 25°C. Keep containers tightly sealed when not in use. Store pigment disper-sions in a cool, dry place. Avoid con-tamination with moisture, catalysts, promoters, or dusts.

SAFETY

See appropriate Material Safety Data Sheet for guidelines.

AVAILABLE PACKAGING

- 5-gallon plastic pails, 40 to 65 pounds of material
- 55-gallon steel drums, 450 to 600 pounds of material
- Disposable plastic totes in various sizes

ISO 9001:2015 CERTIFIED

The Quality Management Systems at every AOC manufacturing facility have been certified as meeting ISO 9001:2015 standards. This certification recognizes that each AOC facility has an internationally accepted model in place for managing and assuring quality. We follow the practices set forth in this model to add value to the formulations we make for our customers.

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POLYESTER				PIGMENT	
MASSTONES	Description	CI Name	Chemistry	% Wt	% Vol
CT-10006	White	White 6	Titanium Dioxide White	70	19.0
CT-20000	Yellow	Yellow 42	Iron Oxide Yellow	40	12.9
CT-20028	Yellow	PY194	Azo Yellow, Green Shade	20	9.6
CT-20082	Yellow	PY83	Diarylide Yellow, Red Shade	13.5	9.3
CT-20098	Yellow	PY14	Diarylide Yellow, Green Shade	28	9.2
CT-20375	Yellow	PY184	Bizmuth Vanadate Yellow, Green Shade	65	18.4
CT-20424	Yellow	PY183	Azo Yellow, Red Shade	30	9.8
CT-20476	Yellow	PY110	Isoindoline Yellow	35	9.9
CT-30000	Blue	Blue 15:1	Phthalocyanine Blue, Red Shade	17	9.8
CT-30001	Blue	Blue 29	Ultra Marine Blue	50	13.0
CT-30011	Violet	PV23	Carbazole Violet	15	9.8
CT-30025	Violet	PV19	Quinacridone Violet	17	9.0
CT-30026	Blue	Blue 15:4	Phthalocyanine Blue, Green Shade	18	9.9
CT-30065	Blue	PB28	Mixed Metal Oxide Blue	42.5	13.5
CT-40001	Green	Green 7	Phthalocyanine Green	20	10.3
CT-40007	Green	PG17	Chrome Oxide Green	65	18.0
CT-50000	Red	Red 101	Iron Oxide Red, Yellow Shade	55	16.5
CT-50002	Red	Violet 19	Quinacridone Red	20	9.4
CT-50008	Red	PR170	Naphtol Red, Yellow Shade	25	9.8
CT-50087	Red	PR101	Iron Oxide Red, Blue Shade	65	19.3
CT-50223	Red	Red 170	Naphtol Red, Blue Shade	20	9.7
CT-50337	Red	Red 254	DPP Red	30	9.6
CT-60035	Orange	Orange 36	Azo Orange	20	9.4
CT-70000	Brown	Red 101	Iron Oxide Brown	40	13.3
CT-80000	Black	Black 7	Carbon Black	20	10.2
CT-80012	Black	Black 11	Iron Oxide Black	52.5	15.8
CT-80164	Super Black	Black 7	Carbon Black	45	10.5

Pub. CT POLYESTERS
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